

If the patient has had a similar result recently and the result is improving then repeat phoning is not required. Please contact the Duty Biochemist if you are uncertain.

ANALYTE	UNITS	EQUAL TO OR LESS THAN	EQUAL TO OR GREATER THAN	COMMENTS
Sodium	mmol/L	125 120	150 ^A 160	<ul style="list-style-type: none"> SCBU/NICU, If GP/OPD phone during routine hours Inpatients, A&E, OPD/GP OOH Beware citrate & fluoride contamination
Potassium	mmol/L	2.5 2.5 2.0* (post-dialysis Basildon only)	6.0 ^A 6.5 7.5* ^C (pre-dialysis)	All pts,- GP/OPD during routine hours only (not OOH) Phone urgently *BASILDON: Renal Dialysis Unit, ITU, HDU, Colne only Beware haemolysis, LOC, ↑platelets, EDTA
Urea	mmol/L		10 30 40*	<ul style="list-style-type: none"> < 16 yrs Not patients with similar results *BASILDON: Low Clearance Clinic only
Creatinine	µmol/L		200 400	<ul style="list-style-type: none"> <16 yrs Do not phone pre dialysis. Not patients with similar results
AKI stage	n/a		Stage 3	Phone AKI stage 3
Glucose	mmol/L	2.5	20	<ul style="list-style-type: none"> >16 yrs (Applicable to fasting GTT results also)
			25	<ul style="list-style-type: none"> >16 yrs and known DM
			15	<ul style="list-style-type: none"> <16 yrs (Applicable to fasting GTT results also)
			20	<ul style="list-style-type: none"> <16 yrs and known DM
Adjusted Calcium	mmol/L	1.8	3.3	
ALT	IU/L		600	SOUTHEND: all areas; BASILDON: GP/OPD/A&E only
AST	IU/L		600	SOUTHEND: all areas; BASILDON: GP/OPD/A&E only
Ammonia	umol/L		100	Paeds only
Amylase	IU/L		500	
Bile acids	µmol/L		20	
Bilirubin	µmol/L		180	Paediatric only
CK	IU/L		5000	SOUTHEND: all areas; BASILDON: GP/OPD only
Cortisol	nmol/L	50		Do not phone post Dexamethasone results
CRP	g/L		300	GP/OPD/Wellesley Hospital
ft4	pmol/L	4 *	60 ^A	Beware if ft4<4 and TSH <50 pt may be on T3 (Check form/add T3 or discuss with Duty Biochemist); If patient is on T3 phoning not required *GP/OP results ft4 <3.2 OOH pls discuss with on call consultant biochemist to determine if result needs telephoning or if the result can be left until the next working day
Lactate	Mmol/L		5	
Magnesium	mmol/L	0.4	4.0**	** only phone in pregnancy or if Obs & Gynae pt

Phosphate	mmol/L	0.32		
Procalcitonin	ng/ml		10	
Troponin T	ng/L		14 100* 150*	<ul style="list-style-type: none"> OP/GP/Wellesley Hospital *SOUTHEND: A&E *BASILDON: A&E
Triglycerides	mmol/L		20	
Drug Levels				
Alcohol	mg/dL		240	
Amikacin	mg/L		10^B	
Carbamazepine	mg/L		25	
CoHb	%		8	Do not phone Coroner's requests
Cyclosporin	ug/L		400	
Digoxin	µg/L		2.5	
Gentamicin	mg/L		10	Pre-dose only, SOUTHEND: routine hours only
Iron	umol/L		55	Do not phone known haemochromatosis patients
Lithium	mmol/L		1.5	
Paracetamol	mg/L		100	
Phenobarbitone	mg/L		70	
Phenytoin	mg/L		25	
Salicylate	mg/L	ALL MEASURABLE LEVELS		
Sirolimus	ug/L		20	
Tacrolimus	ug/L		20	
Theophylline	mg/L		25	
Vancomycin	mg/L		20 25*	Pre-dose only, SOUTHEND: during routine hours *BASILDON: Colne Ward/ITU, Pre-dose only

Notes:

^A – phone GP/OPD results during routine hours only, not to Out Of Hours service (NHS111.; If result seen outside of hours phone during the next routine working day.

^B – Basildon staff should communicate elevated Amikacin results on Southend patients to Southend biochemistry lab who will then report to the requestor.

^c – Southend Hospital Dialysis Unit is open Mon-Fri 07:30-23:30 and Sat 07:00-23:30